

AN 129:98682 HCA
TI Manufacture of hard **aluminum alloy** sheets with
excellent DI processability
IN Tanaka, Toyonobu; Shoji, Akira
PA Furukawa Electric Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent
LA Japanese
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 10152762	A2	19980609	JP 1996-310594	19961121
AB	Al alloy melts contg. Mg 0.5-2.5; Mn 0.5-2.5; Fe 0.1-0.7; Si 0.05-0.5; Ti 0.005-0.20; Cu 0.05-0.5, Cr 0.05-0.3, and/or Zn 0.05-0.5; and optionally B 0.0001-0.05% are solidified at .gtoreq.50.degree./s, immediately continuously cast-rolled to thickness .gtoreq.1 mm and <4 mm by application of .gtoreq.50 kg load per 1 mm width using a twin-roll caster, heat treated for .gtoreq.6 h at 580-630.degree. and then for .gtoreq.1 h at 480-530.degree., cold rolled at 50-95% draft, and optionally finish annealed for .ltoreq.8 h at 100-150.degree. to give the title sheets. The sheets, useful for manuf. of 2 piece cans, are manufd. at low cost.				